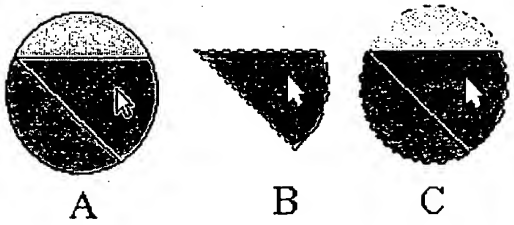

FIG. 1

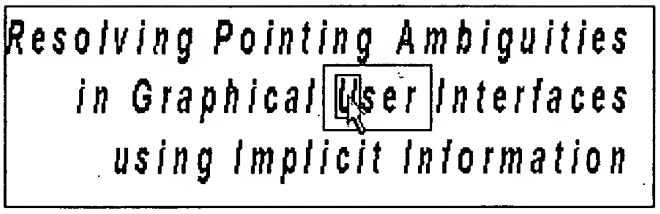

FIG. 2

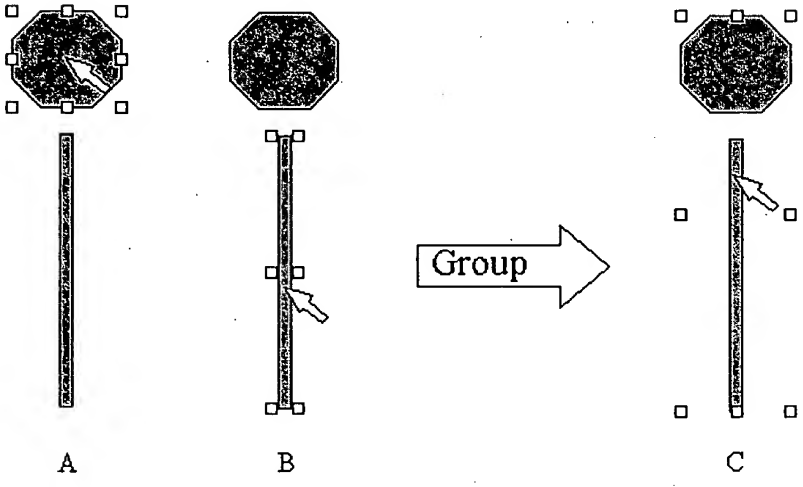

FIG. 3

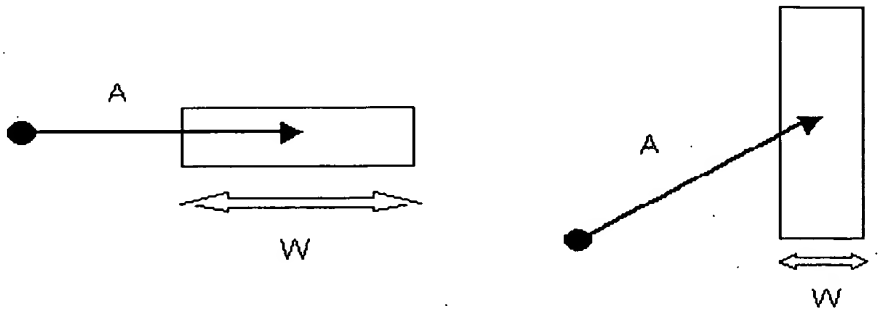

FIG. 4

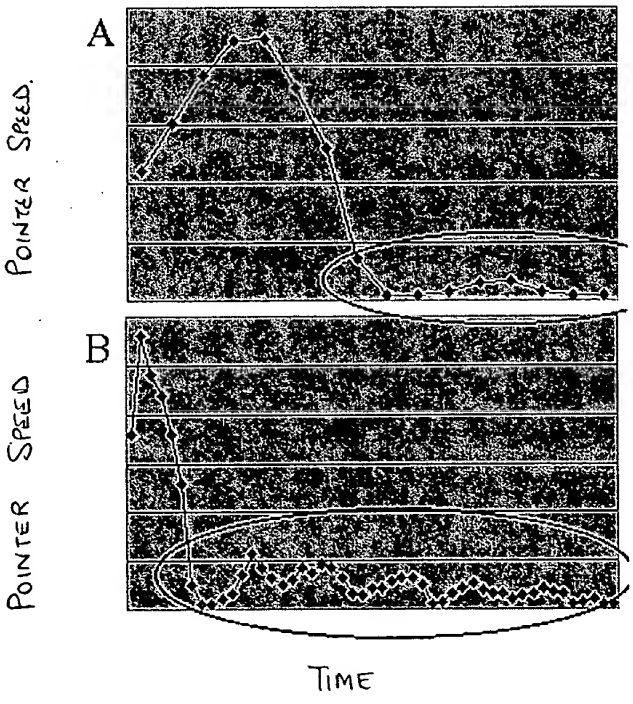

FIG. 5

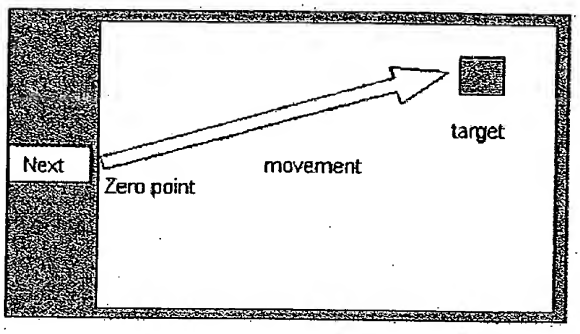
target
Next
movement
Zero point

FIG. 6

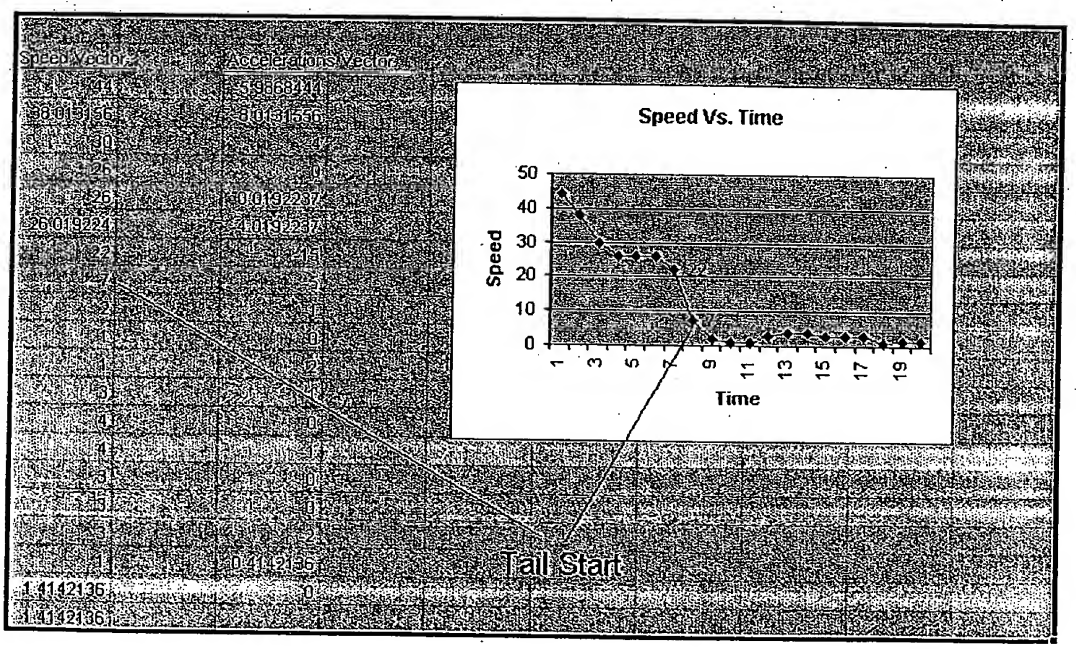
Speed Vector
Accelerations Vector
Speed Vs. Time
Speed
Time
Tail Start

FIG. 7

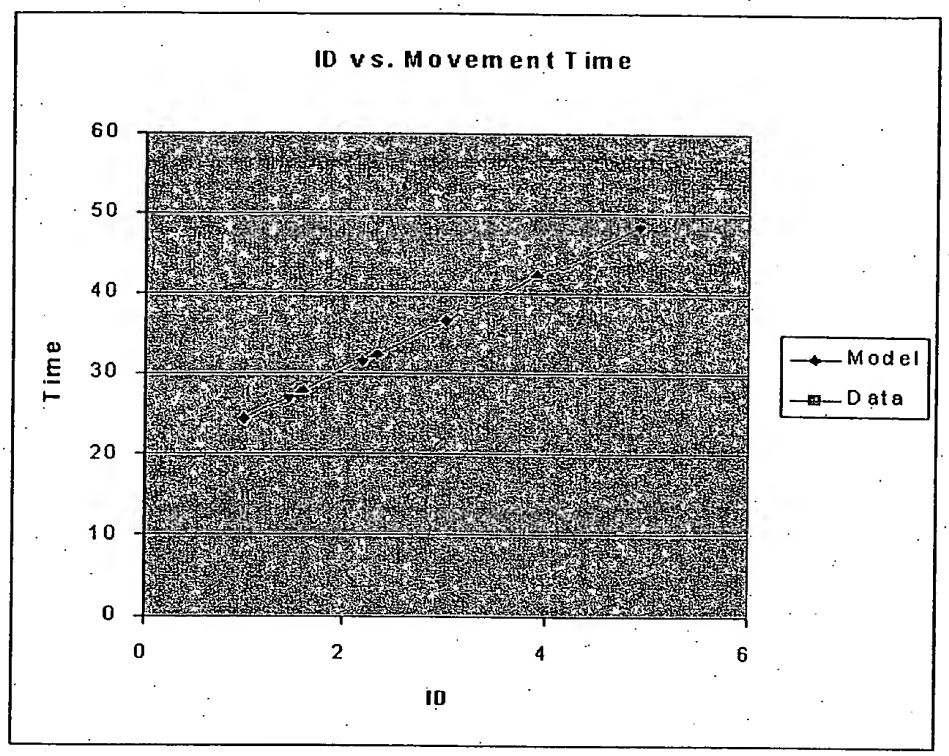
ID vs. Movement Time
60
50
40
30
20
10
0
Time
0
2
4
6
ID
Model
Data

FIG. 8

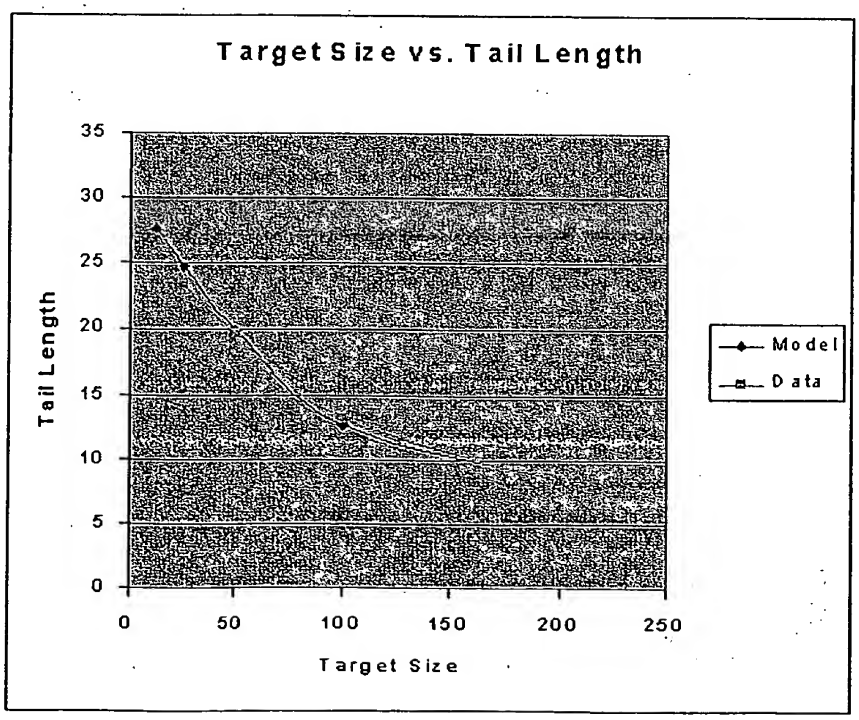
Target Size vs. Tail Length
35
30
25
20
15
10
5
0
Tail Length
0
50
100
150
200
250
Target Size
Model
Data

FIG. 9

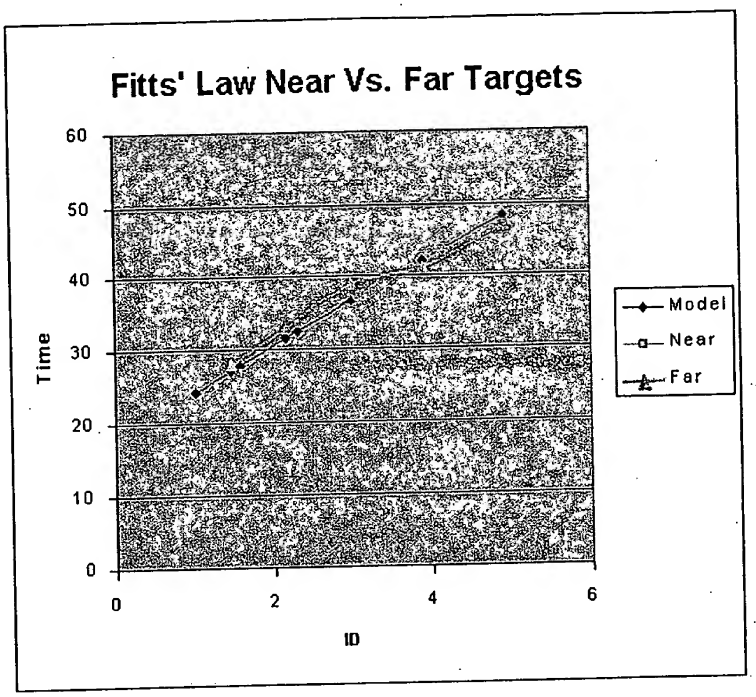
Fitts' Law Near Vs. Far Targets
60
50
40
30
20
10
0
Time
0
2
4
6
ID
Model
Near
Far

FIG. 10

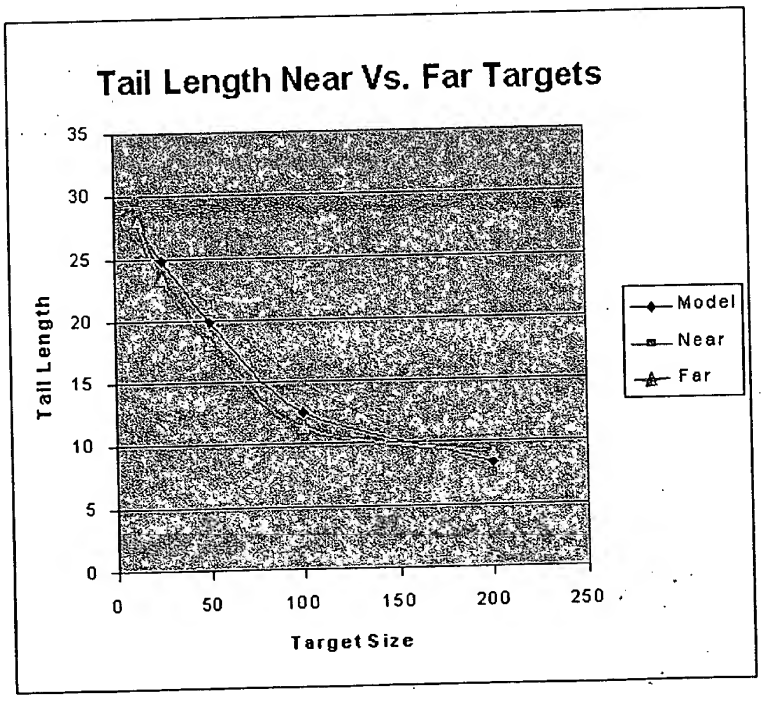
Tail Length Near Vs. Far Targets
35
30
25
20
15
10
5
0
Tail Length
0
50
100
150
200
250
Target Size
Model
Near
Far

FIG. 11

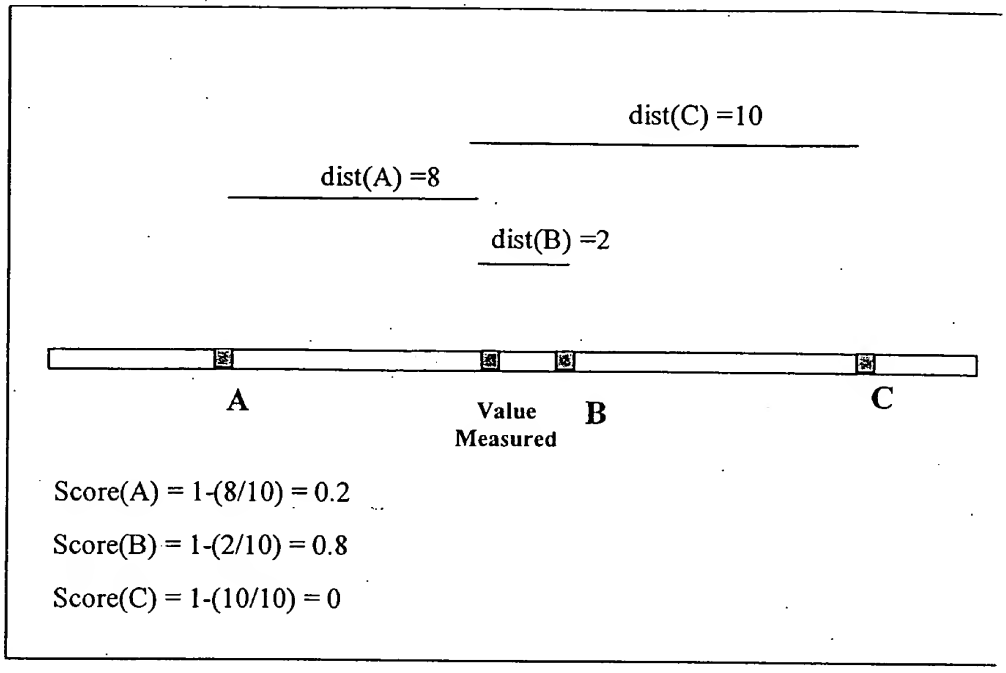
dist(C) =10
dist(A) =8
dist(B) =2
A
Value
Measured
B
C
Score(A) = 1-(8/10) = 0.2
Score(B) = 1-(2/10) = 0.8
Score(C) = 1-(10/10) = 0

FIG. 12

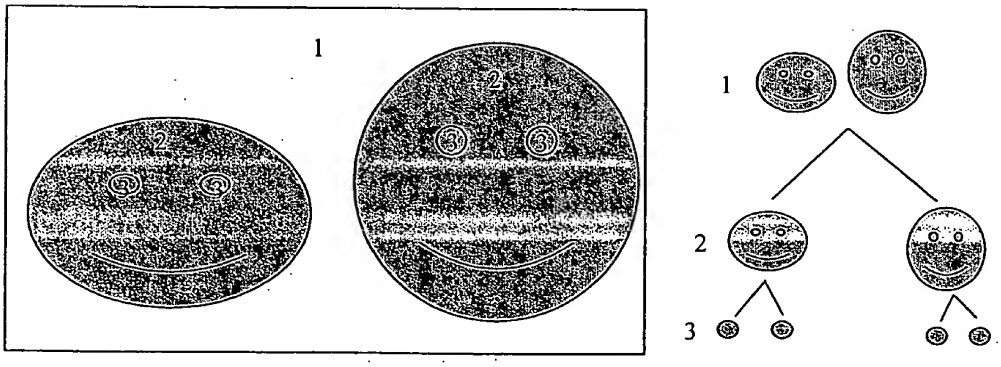
1
2
2
1
2
3

FIG. 13

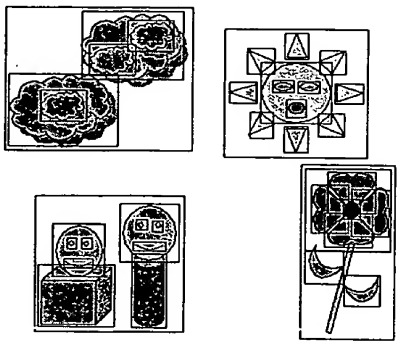

FIG. 14

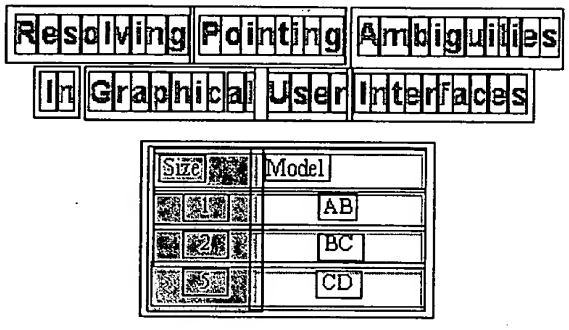

FIG. 15

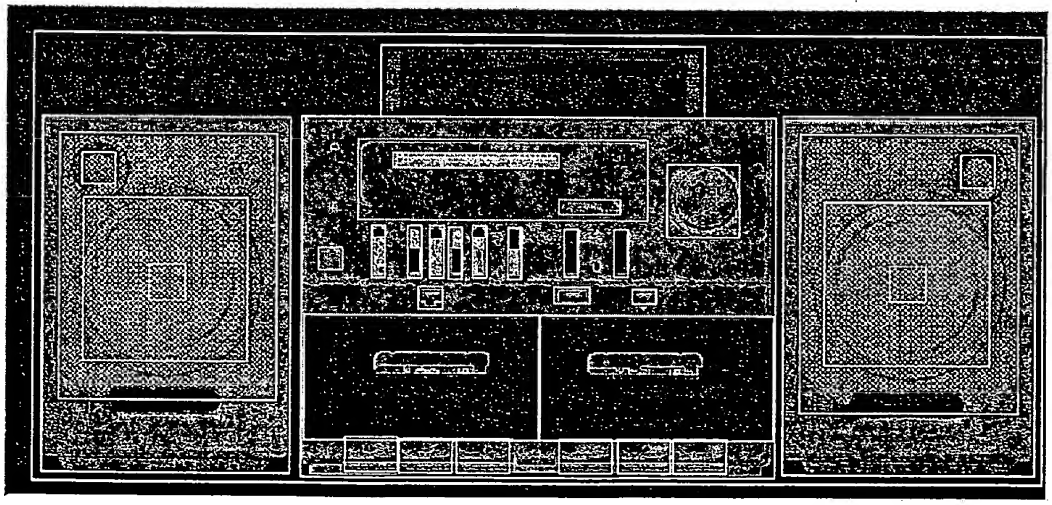

FIG. 16